

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S2    | 1    | ("6135760").PN.                                      | USPAT   | OR               | OFF     | 2004/12/17 11:06 |
| S3    | 2    | ((("5264708") or ("5995261"))).PN.                   | USPAT   | OR               | OFF     | 2004/12/20 09:59 |
| S4    | 48   | (uv with (flame near sensor))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/17 13:52 |
| S5    | 56   | ((uv or ir) with (flame near sensor))                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/12/20 10:00 |
| S6    | 15   | S5 and photodiode                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 13:53 |
| S7    | 13   | S6 and amplifier                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 13:57 |
| S8    | 1    | S7 and (fet with (automatic adj (gain adj control))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 13:55 |
| S9    | 1    | S7 and fet   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 13:55 |
| S10   | 0    | 250/372.00   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 13:58 |
| S11   | 1115 | 250/372.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 13:58 |

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| S12 | 62    | S11 and ((fire or heat or flame) with sensor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:00 |
| S13 | 5     | S12 and photodiode and amplifier and capacitor and gain  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:00 |
| S14 | 170   | ((fire or heat or flame) with sensor) and photodiode and amplifier and capacitor and gain                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:03 |
| S15 | 80    | ((fire or heat or flame) with (sensor or detector)) and photodiode and amplifier and capacitor and gain and (uv or IR) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:06 |
| S16 | 15406 | ((fire or heat or flame) with (sensor or detector)).ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:44 |
| S17 | 1274  | S16 and (ultraviolet or infrared)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 15:47 |
| S18 | 20    | S17 and photodiode and amplifier and capacitor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:07 |
| S19 | 18    | S17 and pcb  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:41 |

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| S20 | 1     | S17 and (capacitance adj laminate)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:41 |
| S21 | 5     | (((fire or heat or flame) with (sensor or detector)) same fabricated) same pcb) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:46 |
| S22 | 0     | (((fire or heat or flame) with (sensor or detector)) with fabricated) with pcb) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:46 |
| S23 | 0     | 2002/0154592  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 15:11 |
| S24 | 52    | 369/121.ccls. and tanaka.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 15:11 |
| S25 | 11    | S17 and laminate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 15:15 |
| S26 | 1     | S25 and S19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 15:16 |
| S27 | 15406 | ((fire or heat or flame) with (sensor or detector)).ti.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/18 11:38 |

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| S28 | 0    | S27 and (ultraviolet or infrared) and (laminate near2 capacitor) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 15:50 |
| S29 | 3422 | (laminate near2 capacitor)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 16:04 |
| S30 | 1    | S29 and ((fire or heat or flame) with sensor)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 15:48 |
| S31 | 1    | S27 and (ultraviolet or infrared) and (laminate with capacitor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 15:49 |
| S32 | 18   | S27 and (ultraviolet or infrared) and pcb                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 16:01 |
| S33 | 11   | S27 and (ultraviolet or infrared) and pcb and capacitor          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 16:02 |
| S34 | 392  | 250/554.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 16:02 |
| S35 | 0    | S34 and S31  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 16:02 |

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| S36 | 50  | S34 and S27   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/17 16:02 |
| S37 | 18  | S36 and ultraviolet   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/17 16:03 |
| S38 | 0   | S37 and pcb   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/17 16:02 |
| S39 | 55  | (laminate near2 capacitor) and<br>(sensor or detector)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/17 16:04 |
| S40 | 0   | S39 and 250/?ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/17 16:04 |
| S41 | 14  | S39 and ultraviolet   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/17 16:07 |
| S42 | 0   | S41 and pcb   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/17 16:04 |
| S43 | 1   | ("5670784").PN.   | USPAT   | OR | OFF | 2004/12/17 16:08 |
| S44 | 1   | ("6013919").PN.   | USPAT   | OR | OFF | 2004/12/18 11:36 |
| S45 | 185 | ((fire or heat or flame) with (sensor<br>or detector)) same pcb | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/20 10:03 |

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| S46 | 48   | ((fire or heat or flame) with (sensor or detector)).ti. and (((fire or heat or flame) with (sensor or detector)) same pcb) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/18 11:40 |
| S47 | 143  | (flame near2 sensor) and turbine   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 09:03 |
| S48 | 45   | S47 and ultraviolet  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 09:03 |
| S49 | 9    | S48 and pcb  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 09:18 |
| S50 | 8443 | capacit\$5 with laminate   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 09:19 |
| S51 | 62   | S50 same pcb   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 09:19 |
| S52 | 6    | S51 and (sensor or detector)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 09:19 |
| S53 | 0    | (flame near2 sensor) and (polycarbonate near capacit\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 10:00 |

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| S54 | 0   | (ultraviolet with (flame near sensor)) with pcb     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 10:04 |
| S55 | 2   | (ultraviolet with (flame near sensor)) and pcb      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 10:05 |
| S56 | 2   | (flame near sensor) with pcb                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 10:22 |
| S57 | 204 | photodiode and amplifier and capacitor and pcb      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 10:07 |
| S58 | 147 | S57 and sensor                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 10:08 |
| S59 | 60  | S58 and (fet or (automatic adj (gain adj control))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 10:08 |
| S60 | 44  | S59 and (flame or heat)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 10:09 |
| S61 | 3   | (flame near sensor) same pcb                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 10:23 |

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| S62 | 16   | (flame near sensor) and pcb   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/20 10:24 |
| S63 | 12   | (flame near (detector or sensor))<br>with pcb   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/20 10:47 |
| S64 | 7    | ((("5773826") or ("5589099") or<br>("5548276") or ("5311167") or<br>("5155468") or ("5153722") or<br>("4769775")).PN. | USPAT   | OR | OFF | 2004/12/20 10:34 |
| S65 | 5307 | (flame near (detector or sensor))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/29 14:29 |
| S66 | 811  | S65 and amplifier   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/20 10:47 |
| S67 | 88   | S66 and photodiode  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/20 10:47 |
| S68 | 5960 | guard adj band  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/30 14:35 |
| S69 | 89   | S68 and pcb   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/29 09:11 |
| S70 | 5    | S68 WITH pcb  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/29 09:11 |

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| S71 | 1     | 10/611384   | US-PGPUB  | OR | OFF | 2004/12/29 14:09 |
| S72 | 15425 | ((fire or heat or flame) with (sensor or detector)).ti.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/30 10:58 |
| S73 | 131   | S72 and (response adj time)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/29 14:56 |
| S74 | 19    | S73 and millisecond   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/29 14:56 |
| S75 | 2     | ((fire or heat or flame) with (sensor or detector)).ti. and housing and lensing | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/30 10:59 |
| S76 | 5969  | guard adj band  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/30 14:37 |
| S77 | 2     | S76 with (identical adj position)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/30 14:38 |
| S78 | 2     | (track with (equal adj potential)) with PCB                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/30 14:40 |
| S79 | 1     | ("6057549").PN.   | USPAT   | OR | OFF | 2004/12/30 14:40 |